

| QUERY CONTROL FORM                 |                         | RTIS USE ONLY                  |  |
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| Application No. <u>0916901647</u>  | Prepared by <u>UB</u>   | Tracking Number <u>5995793</u> |  |
| Examiner-GAU <u>LeGuyader-1635</u> | Date <u>9/2/04</u>      | Week Date <u>8/16/04</u>       |  |
|                                    | No. of queries <u>1</u> | IFW                            |  |

| JACKET               |                        |                    |                |
|----------------------|------------------------|--------------------|----------------|
| a. Serial No.        | f. Foreign Priority    | k. Print Claim(s)  | p. PTO-1449    |
| b. Applicant(s)      | g. Disclaimer          | l. Print Fig.      | q. PTOL-85b    |
| c. Continuing Data   | h. Microfiche Appendix | m. Searched Column | r. Abstract    |
| d. PCT               | i. Title               | n. PTO-270/328     | s. Sheets/Figs |
| e. Domestic Priority | j. Claims Allowed      | o. PTO-892         | t. Other       |

[illegible]

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**  
(Use several sheets if necessary)
Docket Number (Optional)  
TUV-005 01Application Number  
09:690,647Applicant  
Andrew S. GreenbergFiling Date  
10-17-00Group Art Unit  
1635

APR 29 2002

PATENT &amp; TRADEMARK OFFICE

| EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|---------------------|-----------------|------|------|-------|----------|-------------------------------|
|                     |                 |      |      |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

|  | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | Translation |    |
|--|-----------------|------|---------|-------|----------|-------------|----|
|  |                 |      |         |       |          | YES         | NO |
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|  |                 |      |         |       |          |             |    |
|  |                 |      |         |       |          |             |    |

**OTHER DOCUMENTS**

(Including Author, Title, Date, Pertinent Pages Etc.)

|    |  |
|----|--|
| EA | Engelman et al. (2000), <i>Tumor Necrosis Factor <math>\alpha</math>-Mediated Insulin Resistance, but Not Dedifferentiation, is Abrogated by MEK1/2 Inhibitors in 3T3-L1 Adipocytes</i> , MOLECULAR ENDOCRINOLOGY 14(10):1557.   |
| EB | Souza et al. (1998), <i>Overexpression of Perilipin A and B Blocks the Ability of Tumor Necrosis Factor <math>\alpha</math> to Increase Lipolysis in 3T3-L1 Adipocytes</i> , J. BIOL. CHEM. 273(38):24665.   |
| EC | Edelstein Rosenbaum and Greenberg (1998), <i>The Short- and Long-Term Effects of Tumor Necrosis Factor-<math>\alpha</math> and BRL 49653 on Peroxisome Proliferator-Activated Receptor (PPAR) <math>\gamma</math>2 Gene Expression and Other Adipocyte Genes</i> , MOLECULAR ENDOCRINOLOGY 12(8):1150. |
| ED | Greenberg et al. (1993), <i>Isolation of cDNAs for Perilipins A and B: Sequence and Expression of Lipid Droplet-Associated Proteins of Adipocytes</i> , PROC. NATL. ACAD. SCI. USA 90:12035.   |
| EE | Egan et al. (1992), <i>Mechanism of Hormone-Stimulated Lipolysis in Adipocytes: Translocation of Hormone-Sensitive Lipase to the Lipid Storage Droplet</i> , PROC. NATL. ACAD. SCI. USA 89:8537.   |
| EF | Camp et al. (1999), <i>c-Jun N-Terminal Kinase Phosphorylates Peroxisome Proliferator-Activated Receptor-<math>\gamma</math>1 and Negatively Regulates its Transcriptional Activity</i> , ENDOCRINOLOGY 140(1):392.  |
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LIST OF REFERENCES CITED BY APPLICANT  
(Use several sheets if necessary)ATTY DOCKET NO.  
TUV-005.01APPLICATION NO  
09/690,647APPLICANT  
Greenberg, A.S.FILING DATE  
October 17, 2000GROUP  
1635

## U.S. PATENT DOCUMENTS

| *EXAMINER<br>INITIAL | DOCUMENT NUMBER | DATE     | NAME         | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|-----------------|----------|--------------|-------|----------|-------------------------------|
| EG                   | 5,534,426       | 7/9/96   | Karin et al. |       |          |                               |
| EH                   | 5,593,884       | 1/14/97  | Karin et al. |       |          |                               |
| EI                   | 5,804,399       | 9/8/98   | Karin et al. |       |          |                               |
| EJ                   | 5,837,244       | 11/17/98 | Karin et al. |       |          |                               |
| EK                   | 5,994,513       | 11/30/99 | Karin et al. |       |          |                               |
| EL                   | 6,001,584       | 12/14/99 | Karin et al. |       |          |                               |
| EM                   | 6,193,965       | 2/27/01  | Karin et al. |       |          |                               |
| EN                   | 6,342,595       | 1/29/02  | Karin et al. |       |          |                               |
| EO                   | 6,514,745       | 2/4/03   | Karin et al. |       |          |                               |

## FOREIGN PATENT DOCUMENTS

| DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
|-----------------|------|---------|-------|----------|-------------|
|                 |      |         |       |          | YES NO      |

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

|    |   |
|----|---|
| EP | Aguirre et al. The c-Jun NH(2)-terminal kinase promotes insulin resistance during association with insulin receptor substrate-1 and phosphorylation of Ser(307). J Biol Chem. 2000 Mar 24;275(12):9047-54               |
| EQ | del Aguila et al. TNF-alpha impairs insulin signaling and insulin stimulation of glucose uptake in C2C12 muscle cells. Am J Physiol. 1999 May;276(5 Pt 1):E849-55   |
| ER | Hotamisligil et al. Mechanisms of TNF-alpha-induced insulin resistance. Exp Clin Endocrinol Diabetes. 1999;107(2):119-25. Review  |
| ES | Le Marchand-Brustel, Y. Molecular mechanisms of insulin action in normal and insulin-resistant states. Exp Clin Endocrinol Diabetes. 1999;107(2):126-32. Review   |
| ET | Liu et al. Tumor necrosis factor-alpha acutely inhibits insulin signaling in human adipocytes: implication of the p80 tumor necrosis factor receptor. Diabetes. 1998 Apr;47(4):515-22                                   |
| EU | Shin et al. An inhibitor of c-jun aminoterminal kinase (SP600125) represses c-Jun activation, DNA-binding and PMA-inducible 92-kDa type IV collagenase expression. Biochim Biophys Acta. 2002 May 8;1589(3):311-6       |
| EV | Spiegelman et al. Regulation of adipocyte gene expression in differentiation and syndromes of obesity/diabetes. J Biol Chem. 1993 Apr 5;268(10):6823-6. Review  |
| EW | Valverde et al. Tumor necrosis factor-alpha causes insulin receptor substrate-2-mediated insulin resistance and inhibits insulin-induced adipogenesis in fetal brown adipocytes. Endocrinology. 1998 Mar;139(3):1229-38 |

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.